

## ABSTRACT

Methods and apparatus, including computer program products, implementing techniques for undoing user actions in a client program. The techniques include displaying a user interface in a client program, the user interface having a plurality of controls, the plurality of controls including multiple types of controls, each control having a state; for each control in the plurality of controls, storing the state of the control as a first state for the control; receiving user input comprising a change to the state of a control in the plurality of controls; updating the state of the control based on the user input; storing the updated state of the control as a second state for the control; receiving user input comprising a request to undo the change; and restoring the state of the control to reflect the first state for the control.

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